


405	184.3
Class	Subject
ISSUE CLASSIFIC	

PATENT NUMBER

**6524031**



6524031

U.S. **UTILITY** Patent Application

O.I.P.E.		PATENT DATE
MA LHM	SCB	FEB 25 2003
SCANNED	O.A.	
3	JM	

APPLICATION NO. 09/939084	CONT/PRIOR D	CLASS 405	SUBCLASS 11.01	ART UNIT 3673 2.0	EXAMINER 11.01
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## APPLICANTS

Robert Carter  
Robert Carter

FILE

Device and method for trenchless replacement of underground pipes

PTO-2040  
12/99

ISSUING CLASSIFICATION									
ORIGINAL				CROSS REFERENCE(S)					
CLASS		SUBCLASS		CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
405		184.3		175	53				
INTERNATIONAL CLASSIFICATION									
E 02 F	5/10								
E 03 F	3/06								

☐ Continued on Issue Slip inside File Jacket

<input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>	<b>DRAWINGS</b>			<b>CLAIMS ALLOWED</b>	
	Sheets Drwg. <i>18</i>	Figs. Drwg. <i>33</i>	Print Fig. <i>1</i>	Total Claims <i>24</i>	Print Claim for O.G. <i>1</i>
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	<i>Tara L. May</i> (Assistant Examiner)			<b>NOTICE OF ALLOWANCE MAILED</b> <i>8-9-02</i>	
	<input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____			<b>ISSUE FEE</b> <i>36</i>	
<input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.	<i>Robert E. Pezzuto</i> PRIMARY EXAMINER <i>And (6-7-02)</i>			Amount Due <i>\$ 600</i>	
	(Primary Examiner)			Date Paid <i>11-13-02</i>	
	<i>E. J. J. J.</i> (Legal Instruments Examiner)			<b>ISSUE BATCH NUMBER</b>	

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Form **PTO-436A**  
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www.uspto.gov

## \*BIBDATASHEET\*

Bib Data Sheet

CONFIRMATION NO. 7186

SERIAL NUMBER 09/939,084	FILING DATE 08/24/2001  RULE	CLASS 405	GROUP ART UNIT 3671	ATTORNEY DOCKET NO. 16279-14C1
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## APPLICANTS

Robert Ward Carter, San Francisco, CA;

Robert Williams Carter, Oakland, CA;

\*\* CONTINUING DATA \*\*\*\*\* *all*THIS APPLICATION IS A CON OF 09/350,948 07/09/1999 PAT 6,305,880  
WHICH IS A CIP OF PCT/US98/00266 01/09/1998  
WHICH CLAIMS BENEFIT OF 60/035,174 01/09/1997\*\* FOREIGN APPLICATIONS \*\*\*\*\* *None - all*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED \*\* SMALL ENTITY \*\*

\*\* 09/18/2001

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance <i>Examiner's Signature</i> Initials	STATE OR COUNTRY CA	SHEETS DRAWING 18	TOTAL CLAIMS 49	INDEPENDENT CLAIMS 10
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## ADDRESS

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95008

## TITLE

Device and method for trenchless replacement of underground pipe

FILING FEE  RECEIVED 896	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
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INITIALS

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# When Entering a Paper See Scanned Notice Inside File

Date Received  
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Date Mailed

Application Prints papers.H-RE: corr. pgs.

09-19-01

42.

response to Missing Pts. ltr.

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IDS

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44.

letter to the Drafter

8-24-01

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Re-amdt A

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46.

rejection (3M)

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47.

note to

6/5/02 6/3

48.

note to

7/29/02

49.

note to

8/9/02

50.

note to

11-13-02

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note to

11-13-02

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QUERY / 11-30-02

53.

OIR: DISSEMINATION / 11-30-02

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